

1 / 28

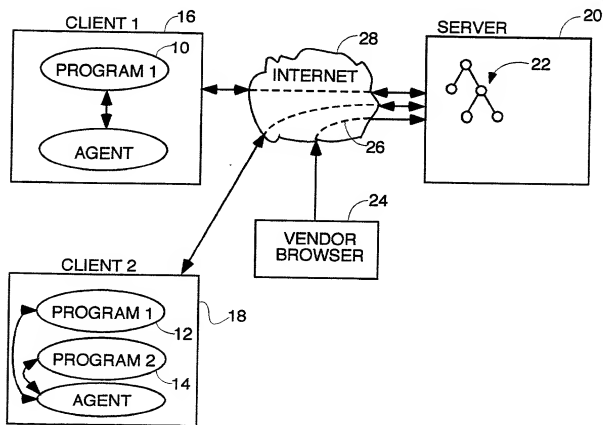


FIG. 1

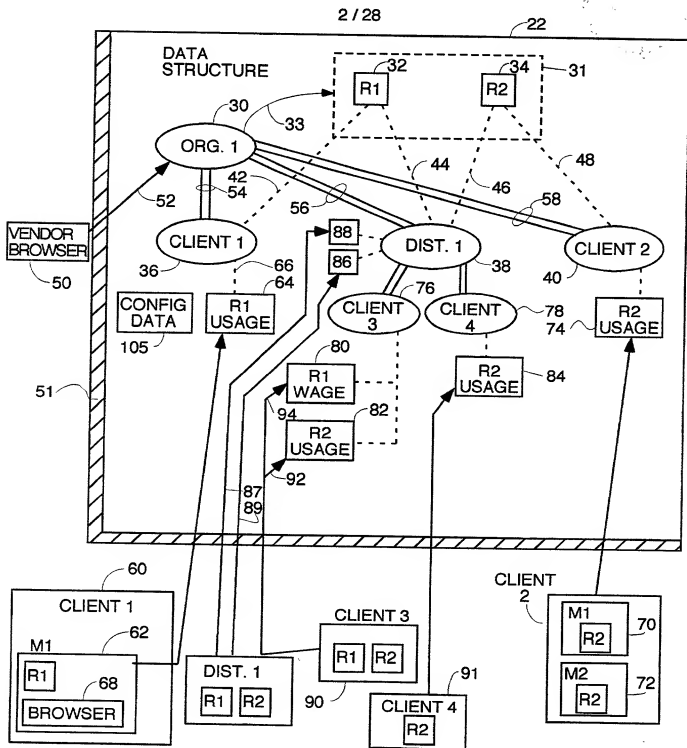


FIG. 2

3 / 28

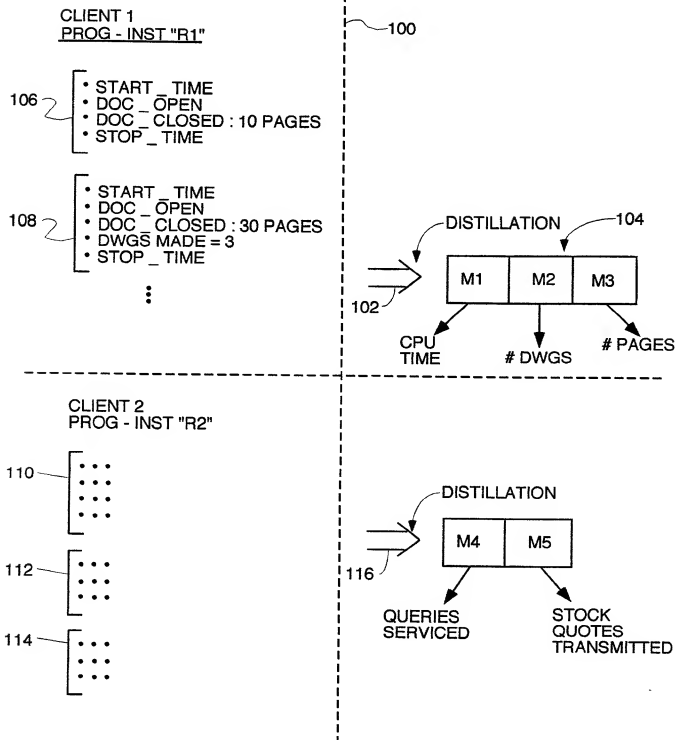


FIG. 3

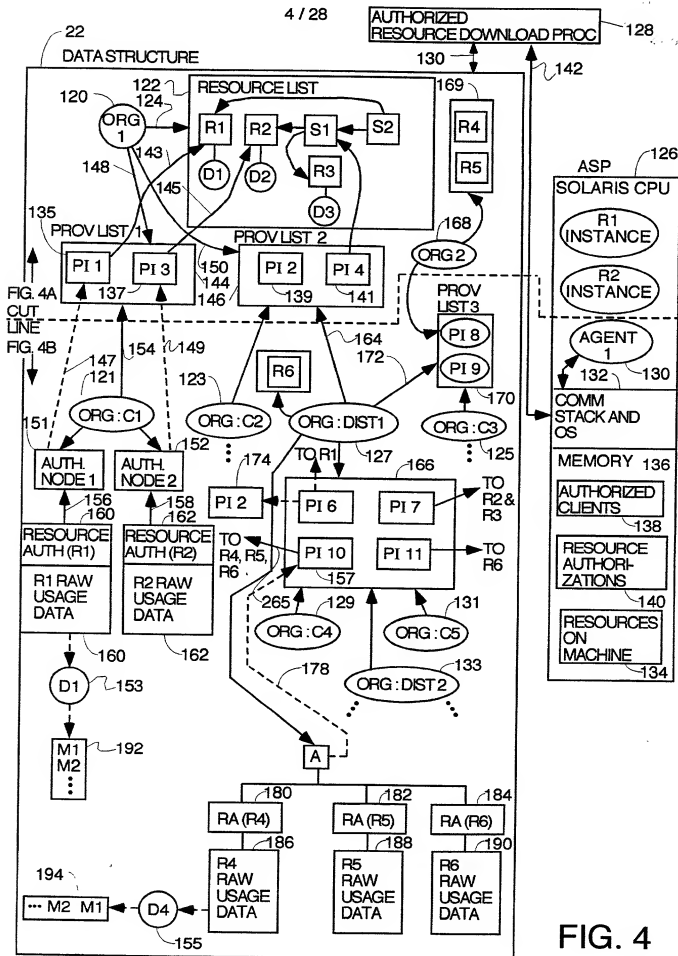


FIG. 4

5 / 28

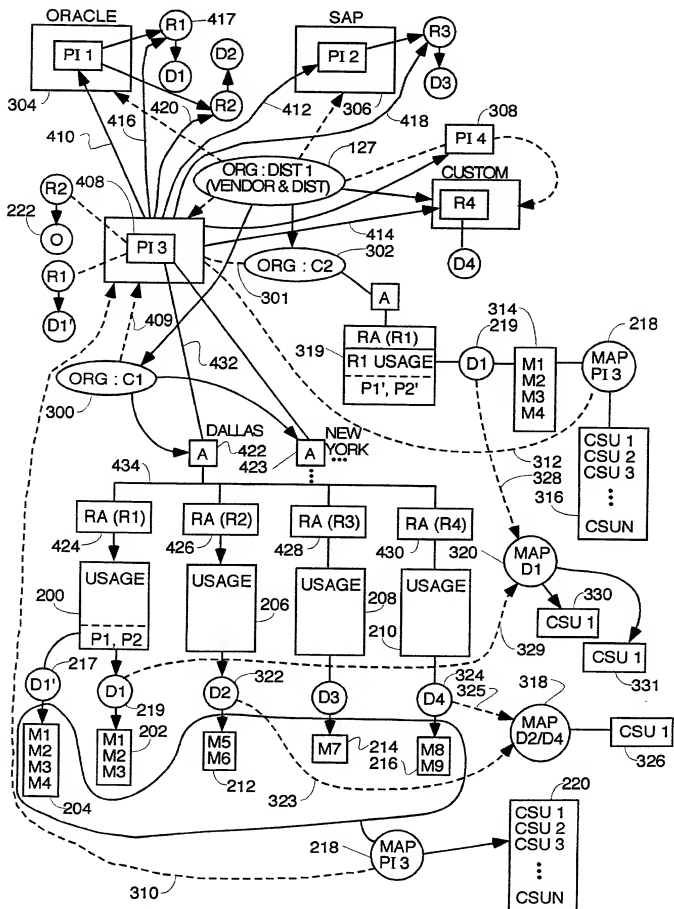


FIG. 5

6/28

OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA  
BY A PROGRAMMABLE MAPPING

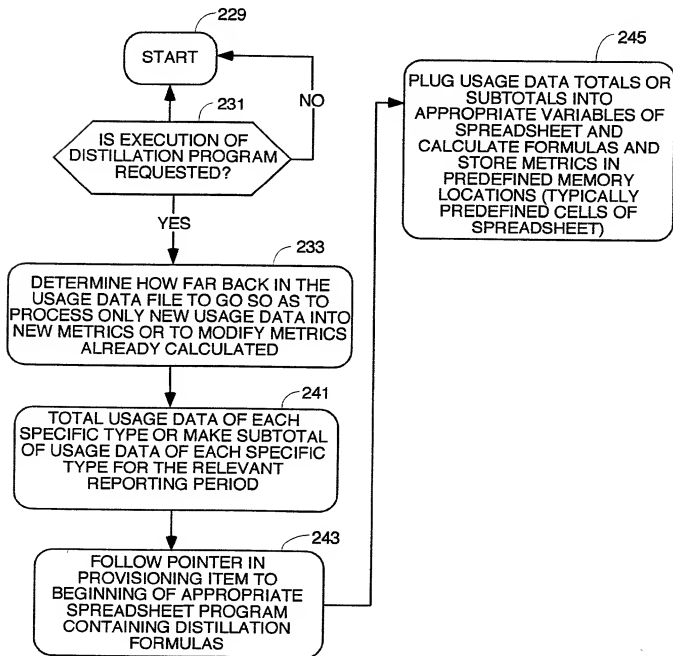


FIG. 6A

7 / 28

OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA  
BY A PROGRAMMABLE MAPPING USING A PROGRAMMABLE DISTILLATION PGM

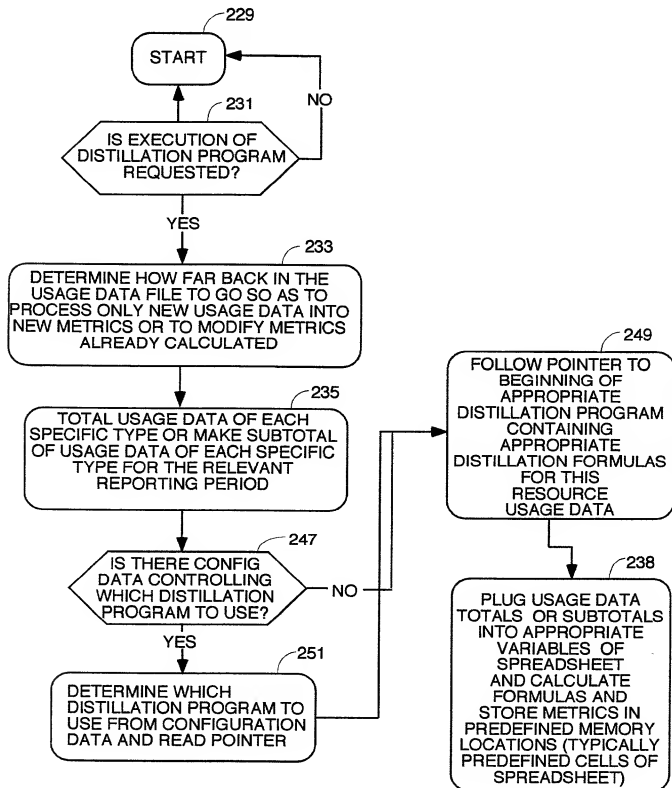


FIG. 6B

8 / 28

PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND  
PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS  
OF THE CUSTOMER'S DESIGN

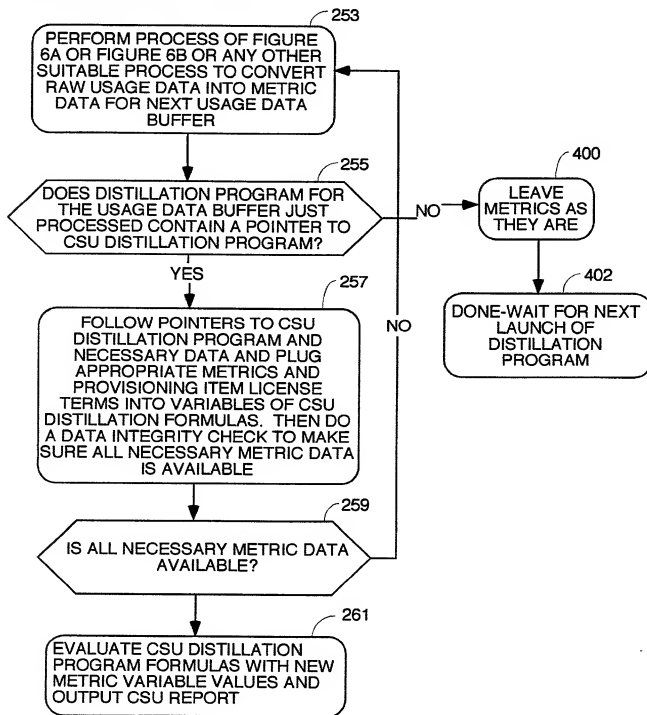


FIG. 7



9 / 28

OVERALL PROCESS TO COLLECT RAW USAGE DATA IN A CENTRAL SERVER  
AND USE IT TO PREPARE METRICS AND PREPARE INVOICES OR REPORTS  
THEREFROM

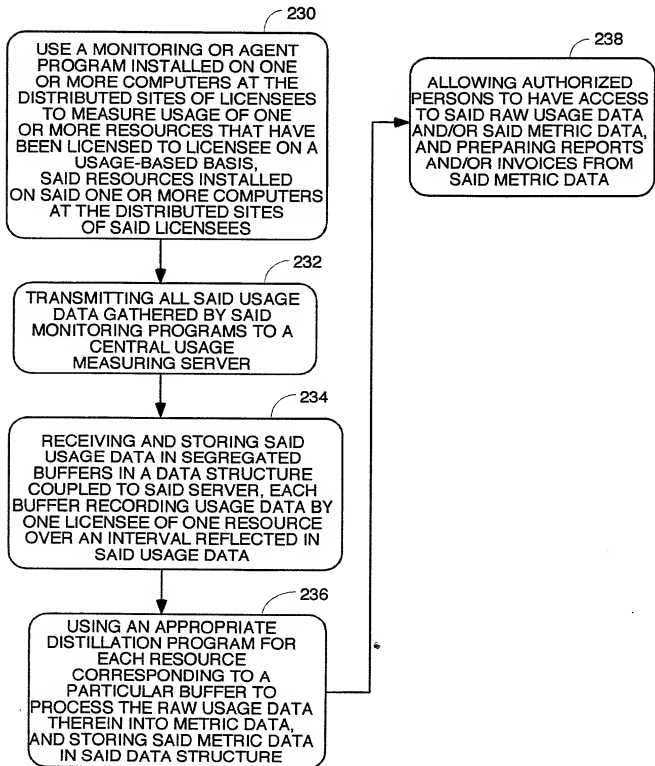
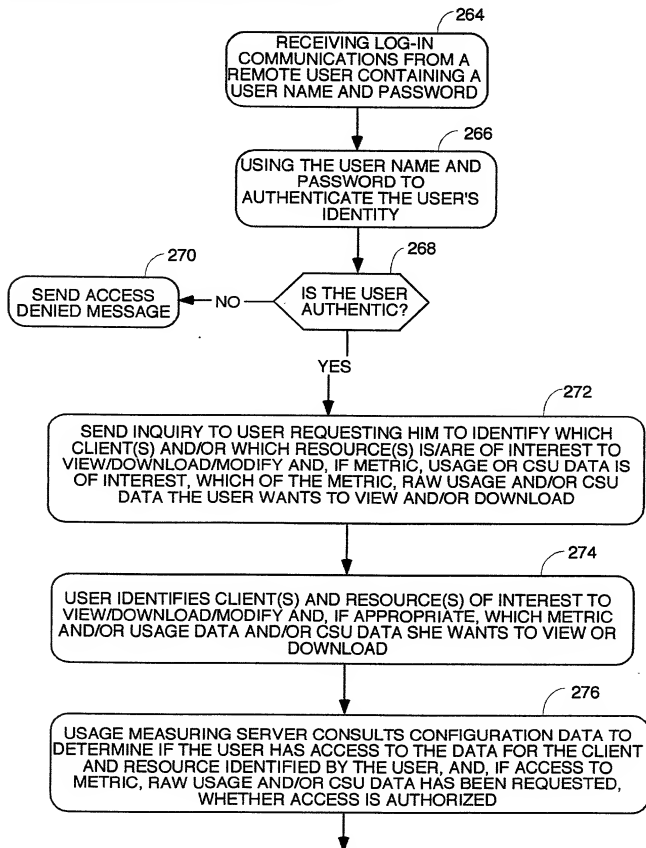


FIG. 8

10 / 28

PROCESS TO BUILD USAGE MEASURING SERVER DATA STRUCTURE AND  
ALLOW RESTRICTED ACCESS THERETO



TO FIG. 9B

FIG. 9A

11 / 28

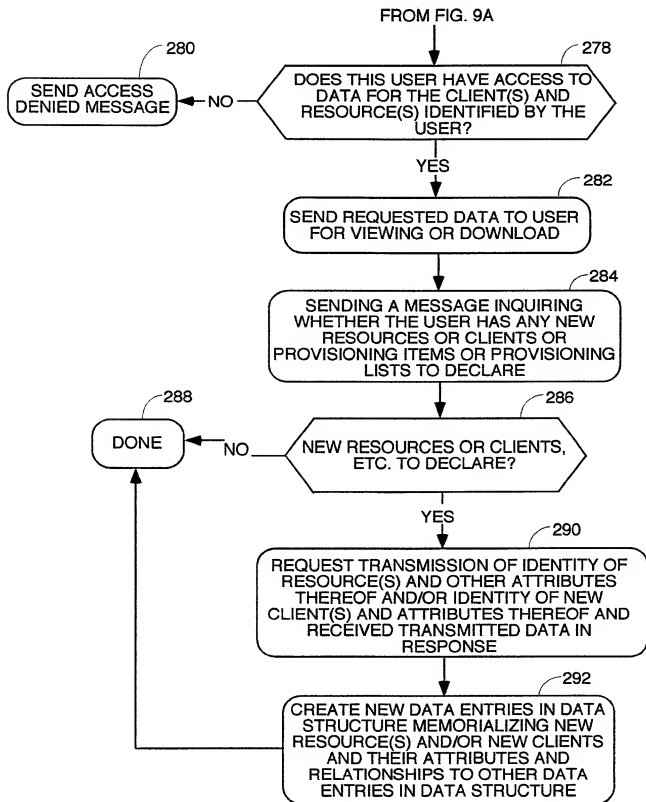


FIG. 9B

12/28

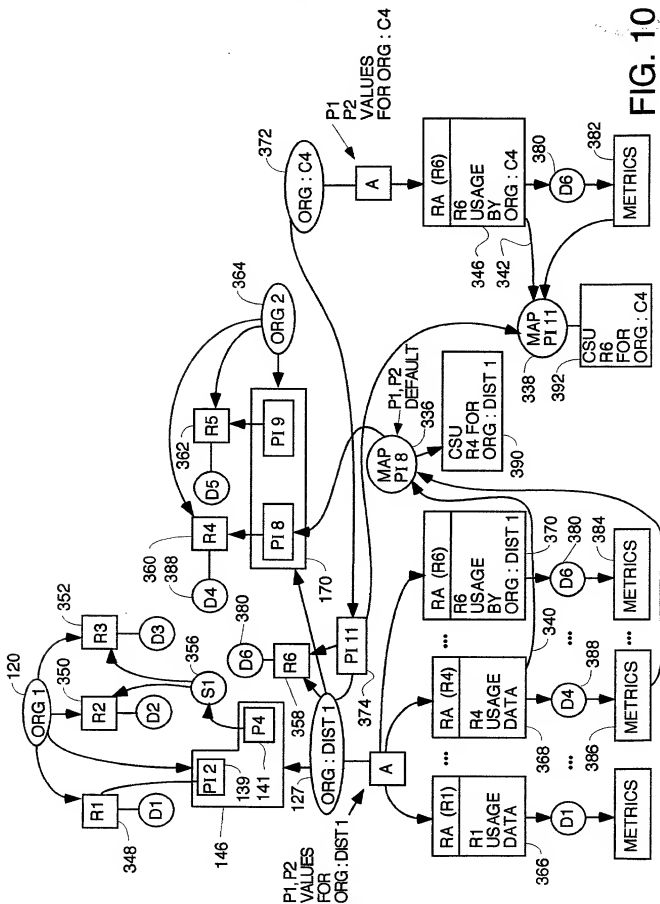


FIG. 10

13 / 28

ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO PROVISIONING ITEM DETAILING LICENSE TERMS

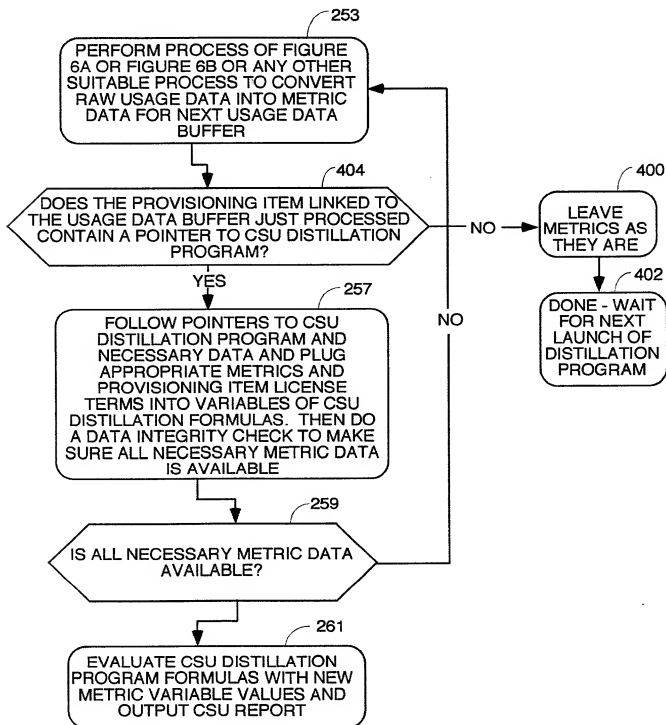


FIG. 11

14 / 28

ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO THE USAGE DATA BUFFER OF EACH CLIENT THAT WANTS CSU BASED REPORTS

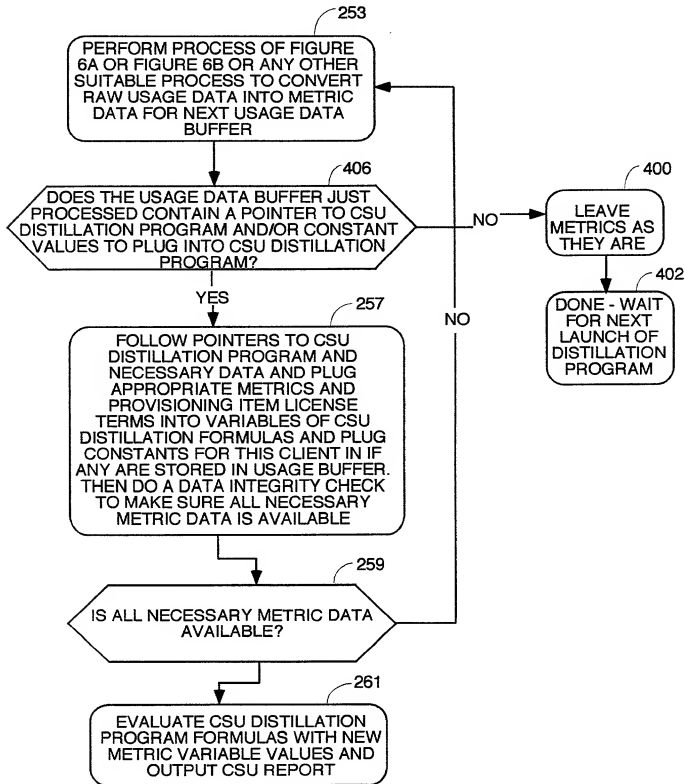


FIG. 12

15 / 28

PROCESS TO CREATE DATA STRUCTURE TO SUPPORT SUITE LICENSING AND  
TO USE THE DATA STRUCTURE TO IMPLEMENT SUITE LICENSING

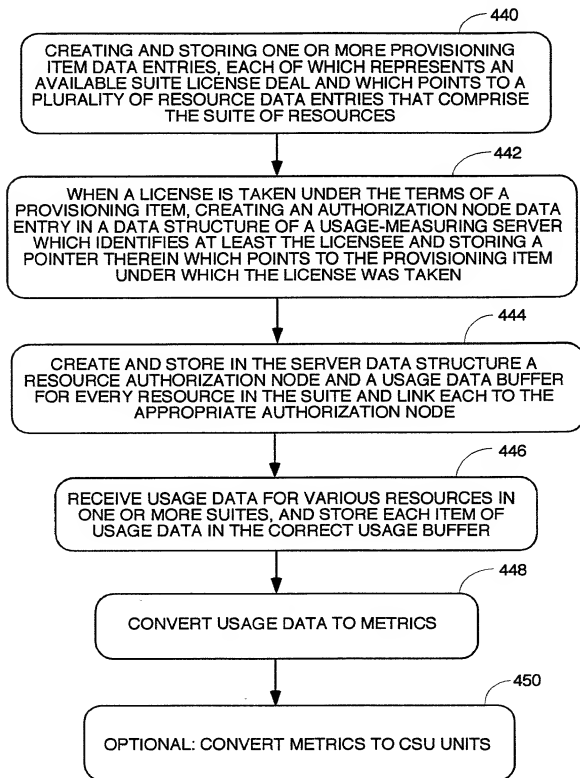


FIG. 13

16 / 28

ONE STOP SHOPPING PROCESS TO DETERMINE ALL AVAILABLE LICENSE  
DEALS ON A PARTICULAR RESOURCE

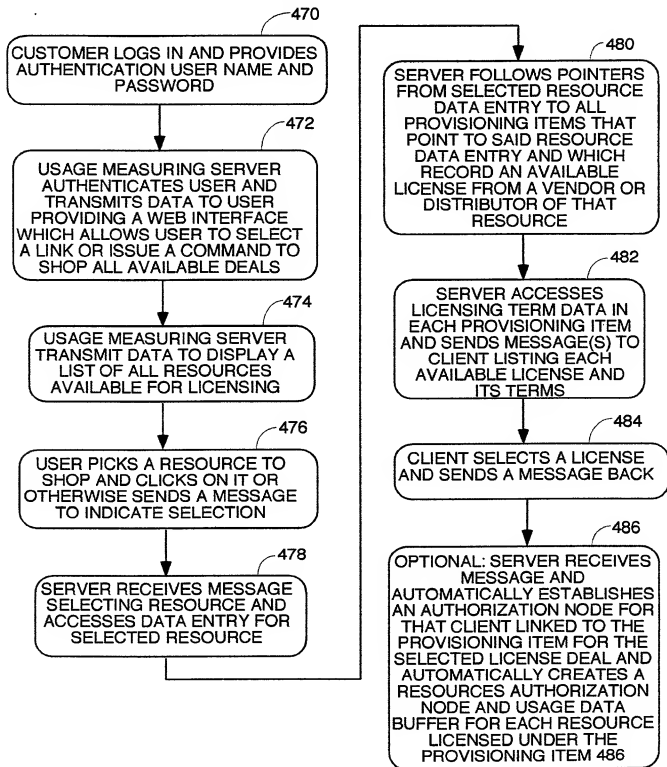


FIG. 14



17 / 28

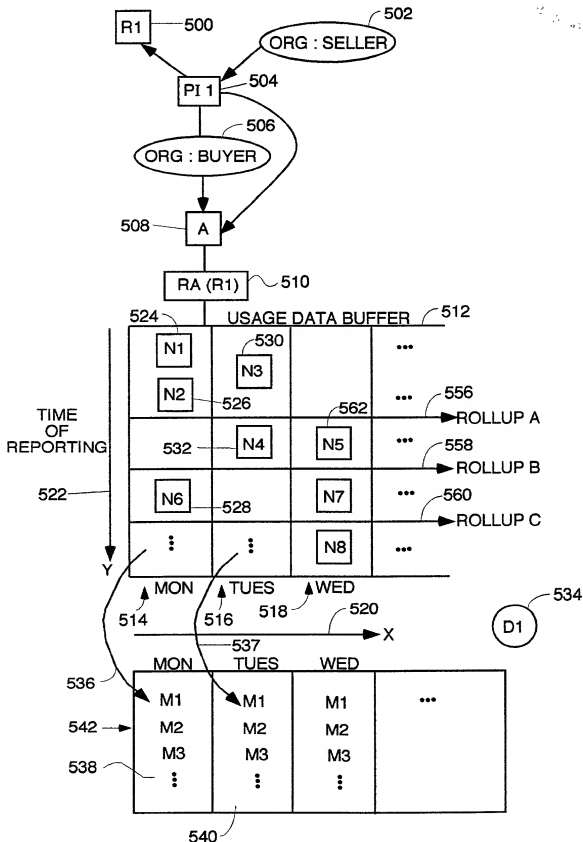


FIG. 15

18 / 28

PROCESS TO COLLECT USAGE DATA, PARTITION IT INTO TIME SEGMENTS  
AND GENERATE METRICS THEREFROM

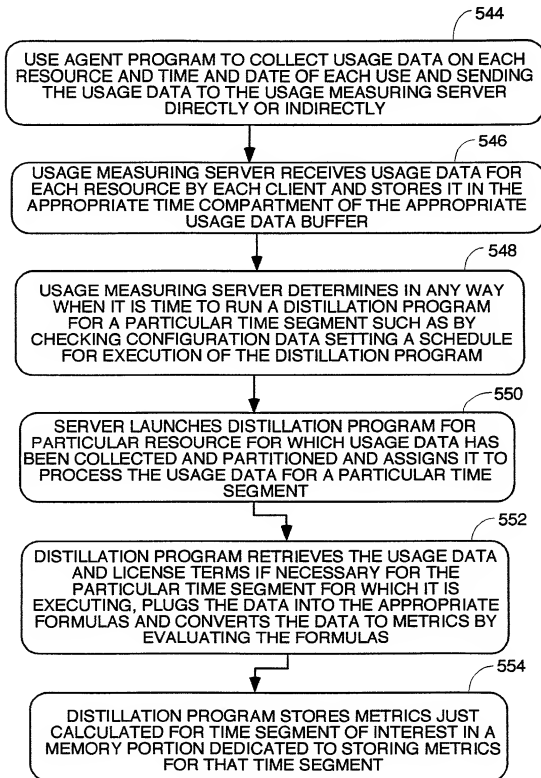


FIG. 16

19/28

ROLLUP A ID 39				
	MON	TUES	WED	...
M1= CPU	10	1	0	...
M2= DOCS	500	50	0	...
M3= #PGS	759	71	0	...
	:	:	:	

FIG. 17

ALTERNATIVE ROLLUP B ID 40			
MON	TUES	WED	
0	3	2	
0	70	40	
0	139	96	

FIG. 18

PREFERRED ROLLUP B ID 50

MON	TUES	WED	
10	4	2	
500	120	40	
759	210	96	

FIG. 19

ALTERNATIVE  
ROLLUP B ID 40

MON	TUES	WED	
0	4	2	
0	120	40	
0	210	96	

FIG. 20

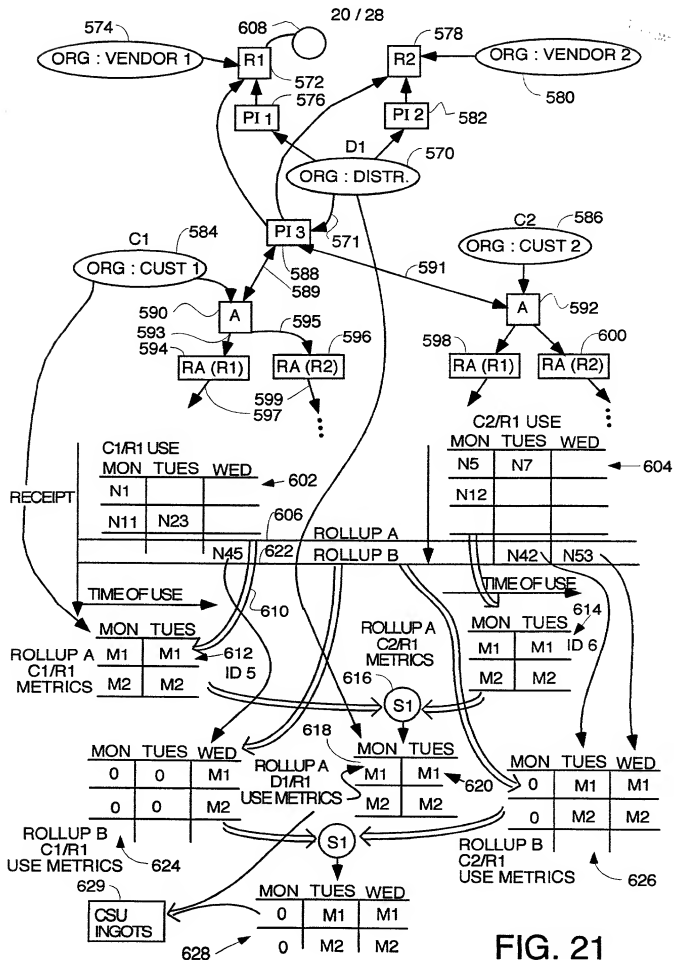


FIG. 21

21 / 28

PROCESS FOR ONE PROTOCOL ACCESS TO USAGE/METRIC/CSU DATA  
FOR ALL LICENSEES OF A LICENSOR FROM A USAGE MEASURING SERVER

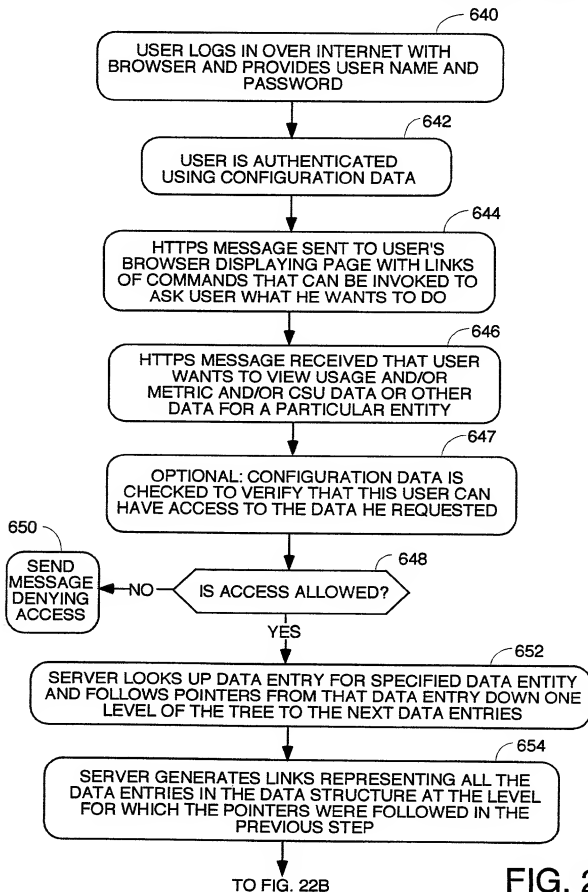


FIG. 22A

22 / 28  
FROM FIG. 22A

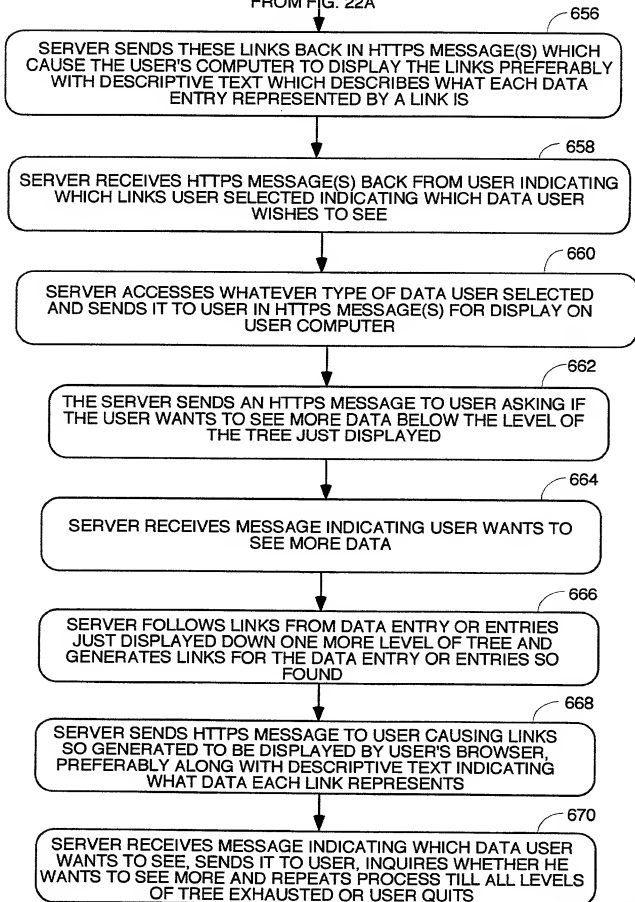
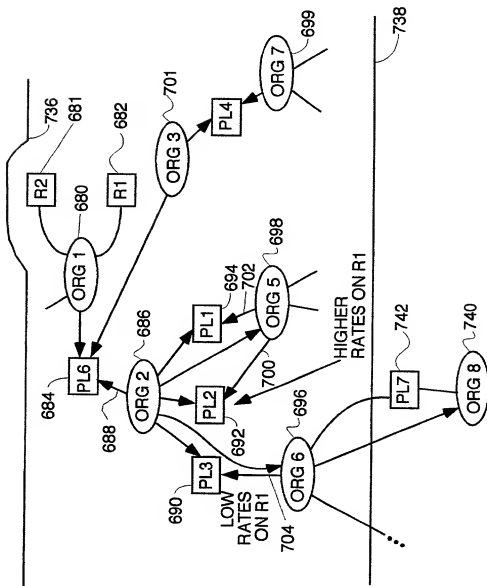


FIG. 22B



SECURITY BARRIERS

FIG. 23

24 / 28

A PROCESS TO IMPLEMENT SECURITY BARRIERS TO PREVENT USERS FROM VIEWING DATA IN A USAGE MEASURING SERVER DATA STRUCTURE THAT THE USER NOT AUTHORIZED TO VIEW

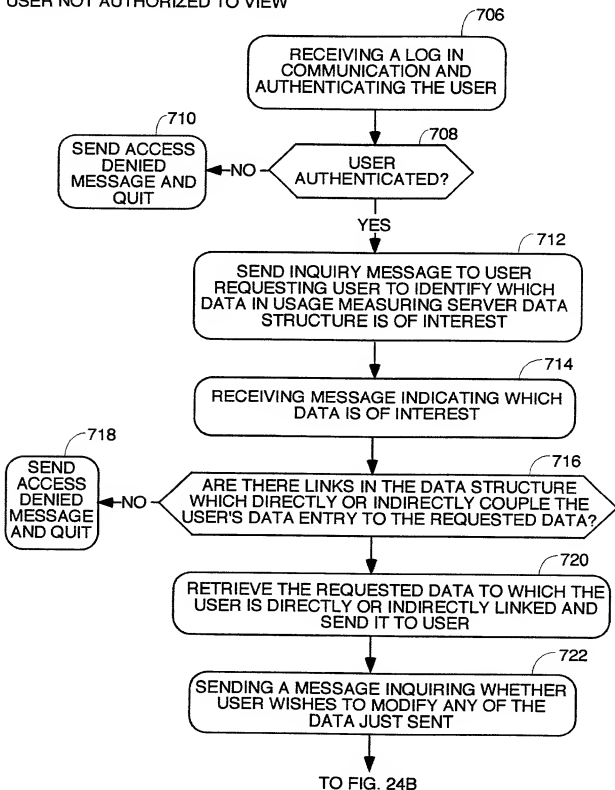


FIG. 24A



25 / 28

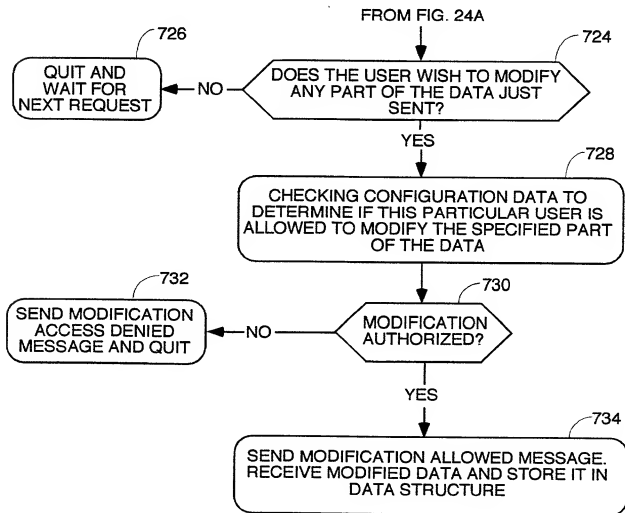


FIG. 24B

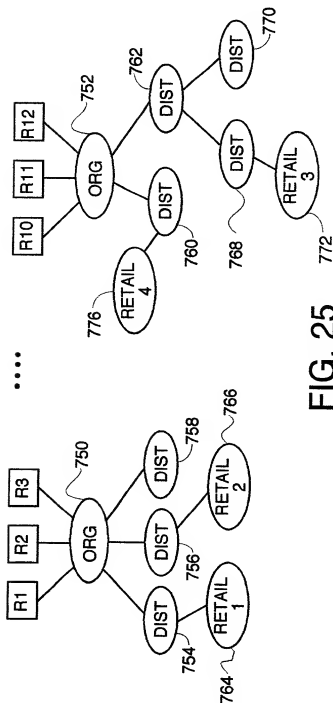


FIG. 25

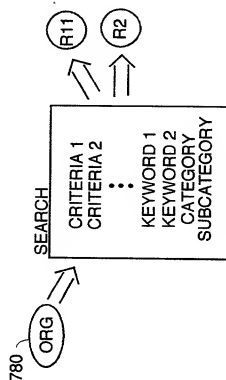
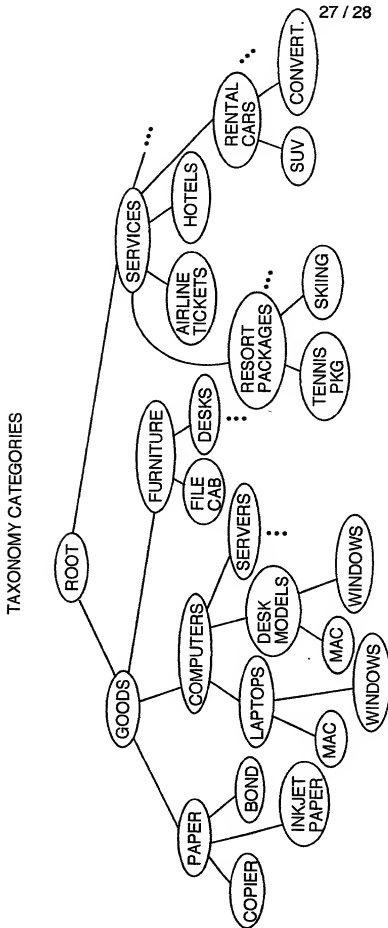


FIG. 26



27 / 28

FIG. 27

28 / 28

SERVER PROCESSING TO IMPLEMENT ONE-STOP SHOPPING SEARCHING OF  
THE DATA STRUCTURE BASED UPON USER-DEFINED CRITERIA

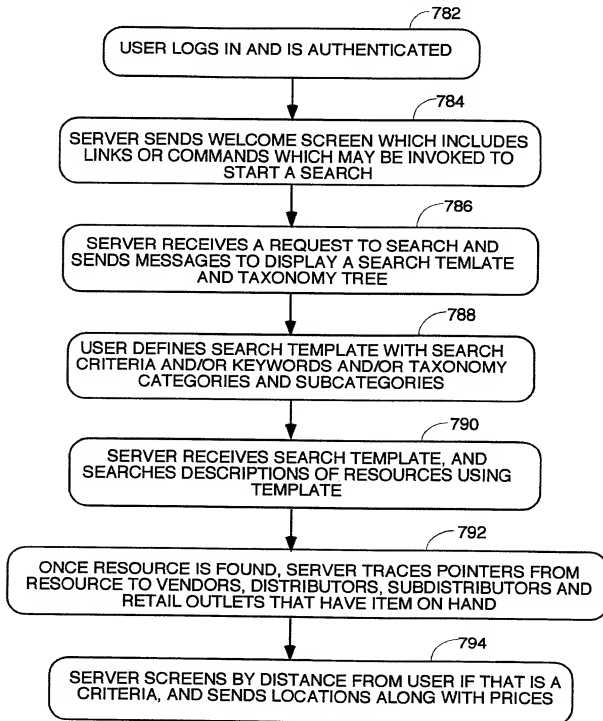


FIG.28